

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Curv-A-Tech Corporation 930 W. 23<sup>rd</sup> Street Hialeah, FL 33010

#### Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "300 STD" Aluminum Single Hung Window - N.I.

**APPROVAL DOCUMENT:** Drawing No. W98-25, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98, with revision I dated 08/26/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: None.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 15-0409.12 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jorge M. Plasencia, P.E.

MIAMI-DADE COUNTY)
APPROVED

NOA No. 16-0627.07 Expiration Date: November 12, 2021 Approval Date: September 15, 2016

Page 1

# **Curv-A-Tech Corporation**

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under previous NOA's No. 11-0816.07 and 98-0513.06)
- 2. Drawing No. **W98-25**, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98, with revision **I** dated 08/26/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94 along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6515**, dated March 18, 2011, signed and sealed by Marlin D. Brinson, P.E.
- (Submitted under previous NOA No. 11-0816.07)
  Test reports on: 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1957 dated February 25, 1998, signed and sealed by Gilbert Diamond, P.E. (Submitted under previous NOA #06-1204.02)
- 3. Test reports on: 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94 along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1958 dated March13, 1998, signed and sealed by Gilbert Diamond, P.E.

(Submitted under previous NOA #06-1204.02)

- 4. Test reports on: 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1962 dated March16, 1998, signed and sealed by Gilbert Diamond, P.E. (Submitted under previous NOA #06-1204.02)

Jorge M. Plasencia, P.E. Product Control Unit Supervisor NOA No. 16-0627.07

Expiration Date: November 12, 2021 Approval Date: September 15, 2016

# **Curv-A-Tech Corporation**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### B. TESTS (CONTINUED)

- 5. Test reports on: 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1942** dated March 3, 1998, signed and sealed by Gilbert Diamond, P.E.

(Submitted under NOA #06-1204.02)

### C. CALCULATIONS

- 1. Anchor verification calculations, structural analysis and complying with FBC 5<sup>th</sup> Edition (2014), dated 02/24/15 and revised on 06/10/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-09

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

### E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

1. Statement letter of conformance, complying with **FBC** 5<sup>th</sup> **Edition (2014)** and of no financial interest, dated 06/10/16, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

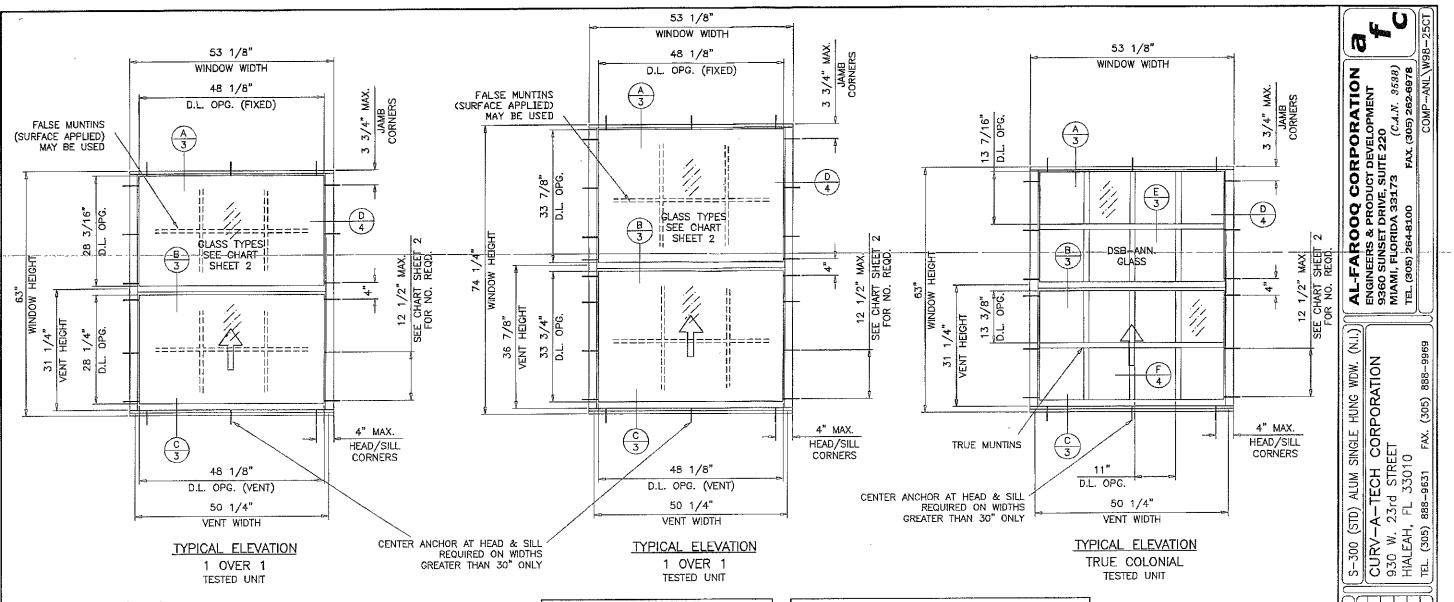
#### G. OTHERS

1. Notice of Acceptance No. **15-0409.12**, issued to Curv-A-Tech Corporation for their Series "300 STD" Aluminum Single Hung Window – NI. approved on 07/23/15 and expiring on 11/12/16.

Jorge M. Plasencia, P.E. Product Control Unit Supervisor

NOA No. 16-0627.07

Expiration Date: November 12, 2021 Approval Date: September 15, 2016



# SERIES 300 (STD) ALUMINUM SINGLE HUNG WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

MENSIONS 1/1 WDW.
D. L. OPENINGS
14-1/8"
21-1/2"
32"
48-1/8

DAY LIGHT OPG. DIMI	ENSIONS 1/1 WDW.
WINDOW HEIGHTS	D. L. OPENINGS
26"	9-3/4"
38-3/8"	15-15/16"
50-5/8"	22-1/16"
56"	24-3/4"
63"	28-1/4"
74-1/4"	33-7/8"

WINDOWS NOT RATED FOR IMPACT.

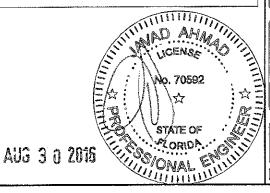
INSTALLATION OF THIS PRODUCT IN THE HYHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

> THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.

**PRODUCT REVISED** as complying with the Florida Building Code 16-0627.07 NOA-No. Expiration Date 11/12/2021

Miami-Dade Product Control



CURV-A 930 W. 2 HIALEAH,

UPDATED TO 2014 IN O CHANGE THIS SHEDTORIAL CHANGES HIS SHEDTORIAL CHANGES

(C.A.N. 353 (305) 262-697

drawing no. W98-25

sheet 1 of 5

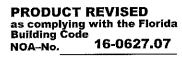
DAY	LIGH	IT	OPG.	DIME	SIONS	TR	UE	COLONIAL	WDW
					WIDTH HEIGHT			-7/16""	

		A-70-11								
				DESIGN 1	LOAD CAPACI	ry – psf			<b>,</b>	
	THE STATE OF THE S					ER 1			TRUE C	OLONIAL
WINDOV	V DIMS.	NUMBER OF	DSB-ANNE	ALED GLASS	3/16"-ANNI	EALED GLASS	1/4"-ANNE	ALED GLASS	DSB-ANNE	ALED GLASS
WIDTH	HEIGHT	ANCHORS/JAMB	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)
19-1/8"		4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	26"	4	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		4	55.3	77.7	55.3	90.0	55.3	90.0	53.3	78.0
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	38-3/8"	6	55.3	77.7	55.3	90.0	55.3	90.0	53.3	78.0
_53-1/8		6	55,2	55.2	55,3	76.7	55.3	<del>7</del> 6.7	53,3	64.8
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	50-5/8"	6	55.3	68.2	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	40.1	40.1	55.3	62.6	55.3	62.6	52.9	52.9
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78,0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	58"	6	55.3	63.2	55.3	90.0	<b>5</b> 5.3	90.0	53 <b>.3</b>	78.0
53-1/8		6	39.2	39.2	55.3	57.3	55.3	57.3	48.3	48.3
19-1/8"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
37"	63"	6	55.3	59.1	55.3	90.0	55.3	90.0	53.3	78.0
53-1/8		6	38.8	38.8	54.5	54.5	54.5	54.5	46.0	46.0
19-1/8"		8	55.3	78.0	55.3	90.0	55.3	90.0	53.3	78.0
26-1/2"		8	55.3	64.3	55.3	90.0	55.3	90.0	53.3	78.0
37"	74-1/4"	8	51.3	51.3	55.3	85.1	55.3	90.0	53.3	78.0
53-1/8		8		_	50.0	50.0	50.0	50.0		_

DSB ANNEALED GLASS
OR
3/16" ANNEALED GLASS
OR
1/4" ANNEALED GLASS
OR
1/4" ANNEALED GLASS
OR
1/4" ANNEALED GLASS
OR
0CI ORGASIL 2000

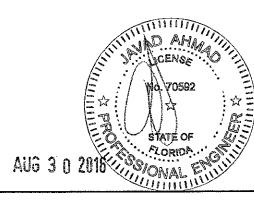
GLAZING DETAIL

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

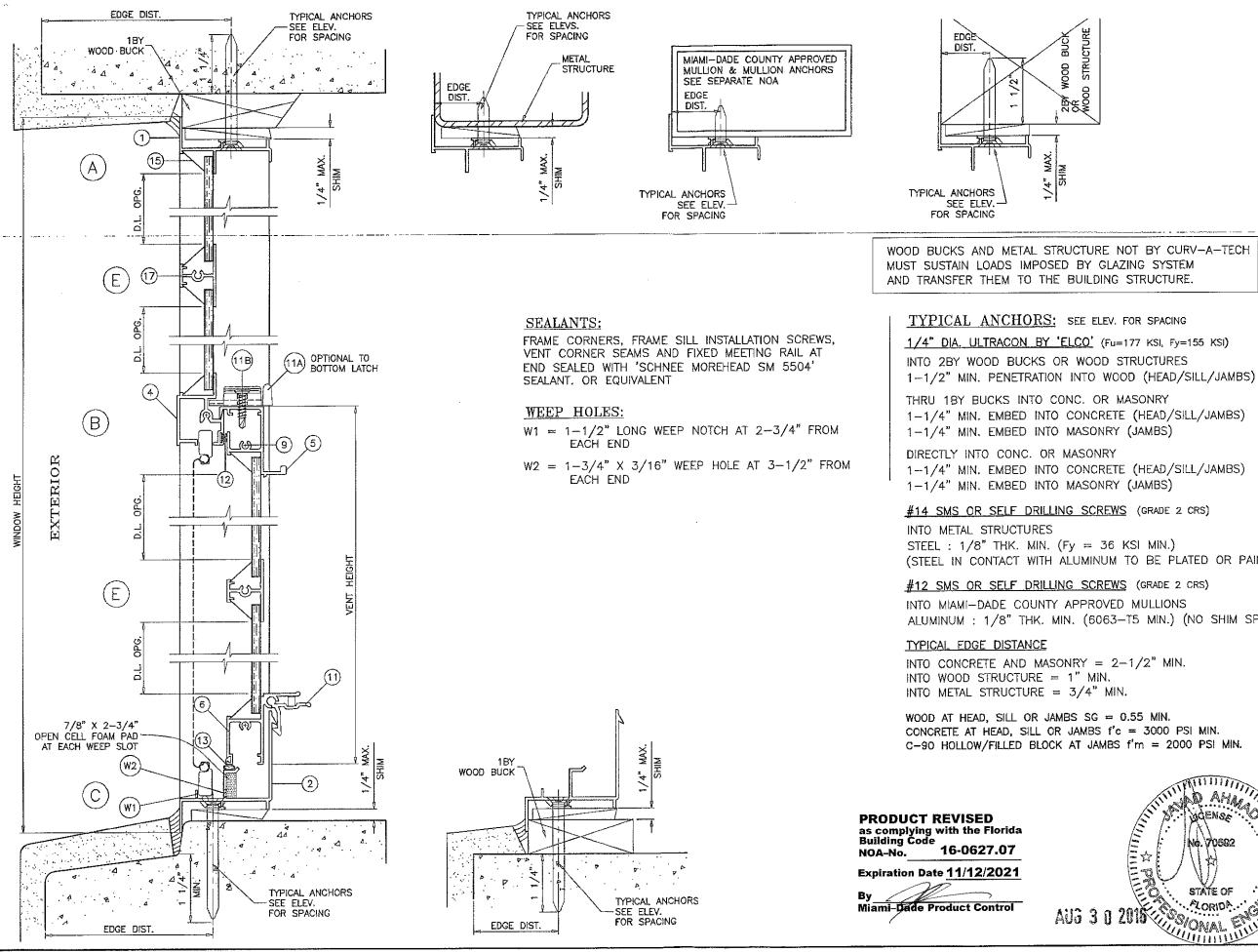


Expiration Date 11/12/2021

By Miami-Dade Product Control



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	AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL. (305) 264-8100 FAX. (305) 262-6978 COMP—ANL\W98-
	S-300 (STD) ALUM SINGLE HUNG WDW. (N.I.)   AL-FAROOQ CORPORATION   ENGINEERS & PRODUCT DEVELOPMENT   9360 SUNSET DRIVE, SUITE 220   930 W. 23rd STREET   MIAMI, FLORIDA 33173 (C.A.N. 3538)   TEL. (305) 888-9631 FAX. (305) 888-9699   TEL. (305) 888-9631 FAX. (305) 888-9969   COMP-ANL\WG
	by description UPDATED TO 2014 FBC REV. PER RER COMMENTS EDITORIAL CHANGES NO CHANGE THIS SHEET
	revisions: no date F 02.26.15 G 07.13.15 H 06.10.16 1 08.26.16
EER X	date: 03-25-98
	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33.173 (C.A.N. 3538)
TEL. (305) 264.8100 FAX. (305) 262-6978 (N.I.)

V—A—TECH CORPORATION
W. 23rd STREET
AH, FL 33010
35) 888–9631

CURV—A 930 W. 2 HIALEAH, TEL. (305)

ч о ± ...

drawing no.

W98-25 sheet 3 of 5

STATE OF

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-1/4" MIN, EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (NO SHIM SPACE)

CONCRETE AT HEAD, SILL OR JAMBS I'C = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

